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To: Commissioner for Patents
P.O. Box 1450
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Subject:

Serial No. 10/075,778 02/14/03

Thomas A. Aisenbrey et al.

LOW-COST ANTENNAS USING CONDUCTIVE
PLASTICS

Grp. Art Unit: 2821

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Enclosed is Form PTO-1449, Information Disclosure Citation
In An Application.

The following Patents and/or Publications are submitted to
comply with the duty of disclosure under CFR 1.97-1.99 and
37 CFR 1.56. Copies of each document is included herewith.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being
deposited with the United States Postal Service as first class
mail in an envelope addressed to: Commissioner for Patents,
P.O. Box 1450, Alexandria, VA 22313-1450, on July 22, 2003.

Stephen B. Ackerman, Reg.# 37761

Signature/Date

This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Action under 1.113 or Notice of Allowance under 1.311 (37CFR 1.97(c)).

I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this statement.

Patent Abstracts of Japan JP 07162220 to Maeda Takeyasu, "Antenna Module," discusses greatly reducing the manufacturing cost of the antenna module.

Patent Abstracts of Japan, JP 06188629 to Nakabuchi Masayuki, "Microstrip Antenna," discusses making a microstrip antenna compact, to simplify the manufacture and to reduct the cost.

U.S. Patent 6,147,662 to Grabau et al., "Radio Frequency Identification Tags and Labels," discusses radio frequency identification elements, including linerless or lined labels, produced with enhanced effectiveness.

European Patent Application EP 0 862 240 A1 to Alfonso Branca, "Method of Making Whip Antennas and Whip Antenna Made Thereby," discusses a method of making whip antennas comprising the steps of manufacturing an elongated body capable of receiving and transmitting radio signals and producing, by material removal, a surface working defined by a recess of helical shape distributed over an outer surface of the elongated body. It also describes an antenna made by said method.

European Patent Application EP 1 024 552 A2 to Martin Weinberger, "Antenne fur funkebetriebene Kimmunikation-sendgerate."

German Patent Application DE 42 27 208 A1 to Dieter Schenkyr et al., "Antennenkombination."

Sincerely,



Stephen B. Ackerman,
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